

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S1 | 5447 | (oxid\$4 near4 alcohol) and (aldehyde and ketone) and (cataly\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/10 15:16 |
| S2 | 529 | (oxid\$4 near4 alcohol) and (aldehyde and ketone) and (cataly\$4) and (molybdenum) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/10 15:17 |
| S3 | 362 | (oxid\$4 near2 alcohol) and (aldehyde and ketone) and (cataly\$4) and (molybdenum) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/01/10 15:18 |
| S4 | 33 | (oxid\$4 near2 alcohol) and (aldehyde and ketone) and (solid near2 cataly\$4) and (molybdenum) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 13:57 |
| S5 | 190 | (LE.in. or SCHMIEG.in. or SE.in. or OH.in.)and (exhaust near4 gas) and (engine) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 13:59 |
| S6 | 64 | (LE.in. or SCHMIEG.in. or SE.in. or OH.in.)and (exhaust near4 gas) and (engine) and (cataly\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 13:59 |

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| S7 | 6 | (LE.in. or SCHMIEG.in. or SE.in. or OH.in.)and (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:00 |
| S8 | 97 | (LEE.in. or SCHMIEG.in. or SE.in. or OH.in.)and (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:02 |
| S9 | 66 | (LEE.in. or SCHMIEG.in. or SE.in. or OH.in.)and (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (aldehyde or ketone) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:03 |
| S10 | 18 | S9 not shell | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:02 |
| S11 | 634 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (aldehyde or ketone) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:13 |
| S12 | 43 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (aldehyde or ketone) and (60/272-324. ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:12 |

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| S13 | 36 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (aldehyde or ketone) and (oxid\$4 near2 alcohol) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:11 |
| S14 | 201 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (60/272-324. ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:12 |
| S15 | 0 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (60/272-324. ccls.) and (oxid\$4 near2 alcohol) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:13 |
| S16 | 173 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (60/272-324. ccls.) and (oxid\$4 and alcohol) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:13 |
| S17 | 79 | (exhaust near4 gas) and (engine) and (oxid\$4 near2 cataly\$4) and (alcohol) and (60/272-324.ccls.) and (oxid\$4 and alcohol) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/22 14:13 |
| S18 | 303 | (exhaust near4 gas) and (engine) and (oxid\$4 near4 cataly\$4) and (alcohol) and (aldehyde or ketone) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:14 |

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| S19 | 584 | (exhaust near4 gas) and (engine) and (oxid\$4 and cataly\$4) and (alcohol) and (aldehyde or ketone) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:14 |
| S20 | 3 | (exhaust near4 gas) and (engine) and (oxid\$4 near4 cataly\$4) and (alcohol) and (aldehyde or ketone) and (partial near2 oxid\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:17 |
| S21 | 3 | (exhaust near4 gas) and (engine) and (oxid\$4 near4 cataly\$4) and (alcohol) and (aldehyde or ketone) and (partial near2 oxid\$4) and (reduc\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:23 |
| S22 | 295 | (exhaust near4 gas) and (engine) and (oxid\$4 near4 cataly\$4) and (alcohol) and (aldehyde or ketone) and (reduc\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:17 |
| S23 | 230 | (exhaust near4 gas) and (engine) and (oxid\$4 near4 cataly\$4) and (alcohol) and (aldehyde or ketone) and (reduc\$4 near4 (agent or gas)) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:19 |
| S24 | 169 | S23 not shell | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:42 |

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| S25 | 23 | S24 and (60/272-324.ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:20 |
| S26 | 42 | (exhaust near4 gas) and (engine) and (oxida\$4 near4 cataly\$4) and (alcohol) and (aldehyde or ketone) and (partial near2 oxida\$4) and (reduc\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:25 |
| S27 | 32 | (exhaust near4 gas) and (engine) and (oxida\$4 and cataly\$4) and (alcohol) and (aldehyde or ketone) and (60/272-324.ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:37 |
| S28 | 43 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (aldehyde or ketone) and (60/272-324. ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:26 |
| S29 | 43 | (exhaust near4 gas) and (engine) and (cataly\$4) and (alcohol) and (aldehyde or ketone) and (60/272-324. ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:37 |
| S30 | 28 | (exhaust near4 gas) and (engine) and ((partial or oxida\$4 or reform\$4 or crack\$4) near4 cataly\$4) and (alcohol) and (aldehyde or ketone) and (60/272-324. ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:38 |

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| S31 | 32 | (exhaust near4 gas) and (engine) and ((partial or oxida\$4 or reform\$4 or crack\$4) near4 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) and (60/272-324. ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:40 |
| S32 | 571 | (exhaust near4 gas) and (engine) and ((partial or oxida\$4 or reform\$4 or crack\$4) near4 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) S18 | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:41 |
| S33 | 493 | (exhaust near4 gas) and (engine) and ((partial or reform\$4 or crack\$4) near4 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) S18 | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:41 |
| S34 | 488 | (exhaust near4 gas) and (engine) and ((partial or reform\$4 or crack\$4) near2 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) S18 | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:52 |
| S35 | 292 | (exhaust near4 gas) and (engine) and ((partial or reform\$4 or crack\$4) near2 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:41 |
| S36 | 274 | (exhaust near4 gas) and (engine) and ((partial or reform\$4 or crack\$4) near2 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) and (oxida\$4) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:41 |

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| S37 | 35 | (exhaust near4 gas) and (engine) and ((partial or reform\$4 or crack\$4) near2 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) and (oxida\$4) and ("422"/\$.ccls. or "423"/\$.ccls.) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:42 |
| S38 | 31 | S37 not shell | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:44 |
| S39 | 71 | S36 not shell | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:52 |
| S40 | 292 | (exhaust near4 gas) and (engine) and ((partial or reform\$4 or crack\$4) near2 cataly\$4) and (alcohol or methanol or ethanol) and (aldehyde or ketone) | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:52 |
| S41 | 87 | S40 not shell | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:52 |
| S42 | 16 | S41 not S39 | US-PGPU B; USPAT; EPO; JPO; DERWEN T; IBM_TDB | OR | ON | 2005/04/29 14:52 |

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| S43 | 38 | ("2956865" "3172251" "3189417" "3404965" "3698873" "3718440" "3870474" "3874854" "3910762" "3972685" "4478808" "4552733" "4877592" "4912928" "4985210" "5051244" "5063029" "5078979" "5125231" "5130099" "5158753" "5168085" "5306185" "5335492" "5364259" "5366708" "5388405" "5447694" "5492679" "5634332" "5653105" "5662869" "5687565").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/04/29 14:58 |
| S44 | 15 | ("5768888").URPN. | USPAT | OR | ON | 2005/04/29 14:58 |
| S45 | 4 | ("4462208" "4655037" "5266083" "5584894").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/04/29 14:58 |
| S46 | 10 | ("6003303").URPN. | USPAT | OR | ON | 2005/04/29 14:59 |
| S47 | 28 | ("2898202" "2946651" "3072457" "3867508" "4902487" "4916897" "5433933" "5540897" "5665318" "5700747" "5701735" "5733837" "5766562" "5768888" "5776423" "5788936" "5833932" "5876680" "5882607" "5884474" "5884476" "5894013" "5894068" "5907950" "5908806").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/04/29 14:59 |
| S48 | 28 | ("6314722").URPN. | USPAT | OR | ON | 2005/04/29 14:59 |
| S49 | 0 | ("2002/0183559").URPN. | USPAT | OR | ON | 2005/04/29 14:59 |
| S50 | 0 | ("2005/0004402").URPN. | USPAT | OR | ON | 2005/04/29 14:59 |

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| S51 | 8 | ("3020903" "3911675" "4007590" "4211075" "5157920" "5163290" "5193340").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/04/29 14:59 |
| S52 | 3 | ("5497617").URPN. | USPAT | OR | ON | 2005/04/29 14:59 |
| S53 | 5 | ("20020192155" "4116858" "4670303" "4680170" "6160191").PN. | US-PGPU B; USPAT; USOCR | OR | ON | 2005/04/29 14:59 |
| S54 | 0 | ("6787023").URPN. | USPAT | OR | ON | 2005/04/29 15:00 |